INNOVATION · CARE · SAVINGS

# puru pacs.
# One platform for RIS, PACS & Teleradiology.

A single on-premises platform that replaces the patchwork of scanner consoles, film printers, teleradiology apps, patient-share portals and reporting tools — **engineered by Puru Labs**, **caring for the patient journey**, and **saving film, courier and license costs** every day.

**7+**
Modalities supported
CT · MR · CR · DR · DX · US · XA

**3**
Native viewers
Desktop · Browser · Puru Pixel

**3D**
MPR + MIP with hanging protocols

**2**
Secure link-share rails
Consultant · Patient

RIS · Modality Worklist
PACS · DICOM Storage
Teleradiology
Diagnostic Desktop Viewer
Zero-Footprint Browser Viewer
3D MPR & MIP
Puru Pixel · Film Print
Consultant & Patient Link Share
HL7v2 · FHIR · HIS Integration
WhatsApp · Email · SMS

PLATFORM AT A GLANCE

# 14 modules. 180+ features. One vendor.

**Complete** Radiology Stack

### RIS — Radiology Info System

10 FEATURES

Modality worklist, order lifecycle, HIS handshake — orders in, statuses out.

**Includes:** MWL server (DICOM C-FIND), auto Study ID + Accession, STAT priority, lifecycle tracking.

### PACS Core

12 FEATURES

DICOM ingest, dual-write redundant storage, background pipeline to structured records.

**Includes:** C-STORE receiver, hierarchical filing, SR support, ZIP compression, JPEG conversion.

### Teleradiology

44 FEATURES

Cloud upload pipeline, radiologist portal, agency management, consulting workflow.

**Includes:** rule-based upload, per-instance retry, WYSIWYG editor, templates, bulk upload, agency dashboard.

### Diagnostic Desktop Viewer

10 FEATURES

On-prem full-diagnostic viewer for the reporting room.

**Includes:** W/L presets, zoom, pan, cine, ruler, angle, annotations, basic MPR, priors.

### Zero-Footprint Browser Viewer

22 FEATURES

No install, no plugin. Diagnostic tooling in any browser — desktop or mobile.

**Includes:** W/L, zoom, pan, stack scroll, CINE, ruler, angle, ROI, crosshair, invert, rotate, keyboard shortcuts.

### Puru Pixel — Film & 3D

46 FEATURES

Dedicated desktop workstation: film composer + native 3D MPR/MIP + WhatsApp share.

**Includes:** 10 film sizes, 1×1 to 8×8 grid, MPR/MIP, hanging protocols, per-box inspector, anonymize-before-print, film cost dashboard.

### Link Share — Consultant & Patient

18 FEATURES

Two secure rails: doctor-to-doctor and OTP-gated patient WhatsApp.

**Includes:** WhatsApp + Email send, expiry, revoke, view tracking, OTP gate, mobile viewer, central audit dashboard.

### Reports & Templates

14 FEATURES

Triple-format output (PDF · DOCX · HTML), versioned, approval workflow, per-modality templates.

**Includes:** pro PDF header, sign-off approval, version history, offline submission, copy from prior study.

### Communication

10 FEATURES

Central templated pipeline — WhatsApp Business, email, SMS, in-app realtime.

**Includes:** template manager, delivery failure retry, in-app toasts, email-based radiologist routing.

### HIS Integration

10 FEATURES

Native to Puru HAS + HL7v2 MLLP + FHIR R4 for every other HIS.

**Includes:** ORM/ORU handling, deep-link viewer by Accession or UHID/MRN, bidirectional sync, master data.

### Storage & Archival

8 FEATURES

Configurable local + cloud retention, dual-write redundancy, automated cleanup.

**Includes:** local/cloud tiering, ZIP compression, backup bucket, storage-agnostic (any NAS/RAID/SAN).*

### Scale · Ops · Admin

20 FEATURES

Same code for 20-scan DC and 2,000-scan tertiary hospital. Live infra bar, audit trail, role-based access.

**Includes:** async ingest, LRU caches, MPR volume caches, indexed lookups, MIS export, 10 built-in roles.

**Storage retention capacity is subject to the hardware provided by the hospital.*

THREE FLAGSHIP WORKFLOWS

**End-to-end** in minutes, not days

# How Puru PACS earns its place, hour by hour.

## 1 Walk-in OPD → WhatsApp Report

Patient walks in for X-ray or CT, gets scanned, receives the signed report on WhatsApp before leaving.

1. **Reception** books order in HAS → auto Study ID / Accession generated.
2. **Technician** pulls patient from Modality Worklist — no re-typing on the console.
3. **PACS** auto-files scan, dual-writes to storage. Radiologist reports via desktop viewer with auto-save templates.
4. **Patient** gets WhatsApp with signed PDF + OTP-gated Patient Link Share to view images on their phone.

**Time:** 4–24 hrs → <45 min

**₹ Saved:** ₹80–150/study + 1 FTE at reports window

## 2 Consultant Second Opinion in a Click

Treating doctor sends the full DICOM study to any specialist over WhatsApp — same-day opinion, no CD.

1. **Treating doctor** clicks "Share with Consultant", sets expiry, hits send.
2. **Consultant Link Share** pushes secure link on WhatsApp + email in one click.
3. **Consultant** opens full study in browser viewer — 22+ diagnostic tools, works on laptop and phone.
4. **Opinion returns** via in-viewer report pane; realtime notification back to treating team.

**Time:** 2–4 days → <4 hours

**₹ Saved:** ₹150/share (CD + courier + tech time)

## 3 Night-Shift Teleradiology

2 AM emergency CT auto-routed to on-call remote radiologist; signed before the 8 AM ward round.

1. **ER doctor** raises STAT CT Brain in HAS; MWL pushes to console instantly.
2. **Teleradiology engine** auto-uploads to on-call radiologist over bandwidth-adaptive lane with per-instance retry.
3. **Radiologist** reads in browser viewer — no install — with W/L, MPR, CINE. Auto-save every 10s.
4. **Signed report** posts back to HAS chart + WhatsApp to ER; ward team sees it before rounds.

**Time:** 6–8 hrs → 30–45 min

**₹ Saved:** Zero CDs / pen-drives / call-outs

**Also covered end-to-end:** ICU / emergency bedside reads · patient at home needs their scan · film printing at the radiology counter (3D MPR, hanging protocols, WhatsApp soft copy) · multi-site group dashboard (TAT, film spend, radiologist productivity) · plug into an existing third-party HIS (HL7v2 / FHIR / deep-link viewer).

WHY PURU

# Built for Indian hospitals. Priced for scale.

**Any** footfall — 20 to 2,000 scans / day

### One vendor, one stack

RIS, PACS, teleradiology, film print, link share, comms — one team, one support number, one upgrade cycle.

### Data stays home

All primary storage and report generation on-premises. Cloud lanes are opt-in, per modality.

### Standards, not lock-in

DICOM C-STORE / C-FIND, HL7v2, FHIR R4 — any modality, any HIS. No proprietary rails to sign into.

### 3 native viewers

Diagnostic desktop, zero-footprint browser, Puru Pixel with native 3D MPR + MIP. No third-party viewer licenses.

### Actively engineered

Every viewer, every rail, every tool built and owned by Puru Labs. Hospital-driven roadmap, continuous roll-outs.

### Priced for scale

Container-based per-site licensing. No per-modality tax, no per-radiologist gouge, no film-count meter.

**BUNDLE**

### Ship Puru PACS with Puru HAS — one hospital, one stack.

Puru PACS clicks straight into **Puru HAS**, our Hospital Administration System — OPD / IPD, billing, pharmacy, MIS, Ayushman Bharat and more. Radiology orders, receipts, patient demographics and reports all flow between HAS and PACS out of the box. **One vendor, one login, one support number — from front-desk billing to radiology report delivery.** Ask us for the HAS brochure.

NEXT STEP

## Let's see it in your hospital.

We'll bring a live environment, plug into one of your modalities, and show an order-to-report round trip — including a consultant link-share and a patient WhatsApp — in under 15 minutes.

puru labs.

**hello@purulabs.com · purulabs.com**

Innovation · Care · Savings.
Healthcare software, engineered on-premises.